

Chapter 2

Properties of Elementary Functions

If a mother mouse is twice as long as her offspring, then the mother's weight is about eight times the baby's weight. But the mother mouse's skin area is only about four times the baby's skin area. So the baby mouse must eat more than the mother mouse in proportion to its body weight to make up for the heat loss through its skin. In this chapter you'll learn how to use functions to model and explain situations like this.

